

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
36217/US/2-475387-191

Serial No.
10/551,735

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant(s)
Guillermo J. Tearney et al.

Filing Date
September 29, 2005

Confirmation No.
6550

U.S. PATENT DOCUMENTS

*Exam. Init.		Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate
		4	5	3	3	2	4	7	August 6, 1985	Epworth eeeeeeeee			
		6	7	4	1	3	5	5	May 25, 2004	Drabarek eeeeeeeee			
	2005	0	0	7	5	5	4	7	April 7, 2005	Wang eeeeeeeee			
	2005	0	0	8	3	5	3	4	April 21, 2005	Riza et al. eeeeeeeee			
		3	9	7	3	2	1	9	August 3, 1976	Tang et al.			
		3	9	8	3	5	0	7	September 28, 1976	Tang et al.			
	2006	0	1	0	3	8	5	0	May 18, 2006	Alphonse et al. eeeeeeeee			
		4	8	9	2	4	0	6	January 9, 1990	Waters eeeeeeeee			
		5	7	1	6	3	2	4	February 10, 1998	Toida φ			
		6	4	5	9	4	8	7	October 1, 2002	Chen et al.φ			
	2002	0	0	9	3	6	6	2	July 18, 2002	Chen et al. φ			
		6	3	5	9	6	9	2	March 19, 2002	Groot φφφ			
		6	9	0	3	8	2	0	June 7, 2005	Wang φφφφ			
	2006	0	2	4	4	9	7	3	November 2, 2006	Yun et al. φφφφφ			
		5	2	2	8	0	0	1	July 13, 1993	Birge et al. φφφφφφ			
		6	6	8	7	0	3	6	February 3, 2004	Riza φφφφφφ			
		4	4	2	8	6	4	3	January 31, 1984	Kay φφφφφφ			
		4	9	6	5	5	9	9	October 23, 1990	Roddy et al. φφφφφφ			

Examiner

Date Considered

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		4	3	0	3	3	0	0	December 1, 1981	Pressiat et al.			
		6	8	3	9	4	9	6	January 4, 2005	Mills et al.			
	2004	0	1	3	3	1	9	1	July 8, 2004	Momiuchi et al. φφφφφφφφ			
		5	8	4	0	0	7	5	November 24, 1998	Mueller et al. φφφφφφφφ			
	2003	0	2	1	6	7	1	9	November 20, 2003	Debenedictis et al. φφφφφφφφ			
	2006	0	1	5	5	1	9	3	July 13, 2006	Leonardi et al. φφφφφφφφ			
	2003	0	1	9	9	7	6	9	October 23, 2003	Podoleanu et al. φφφφφφφφφφ			
	2004	0	2	1	2	8	0	8	October 28, 2004	Okawa et al. φφφφφφφφφφ			

FOREIGN PATENT DOCUMENT

		Document No.							Date	Country	Class	SubClass	Translator	
													Yes	No
		9	6	2	8	2	1	2	September 19, 1996	WIPO φφφφφφφφφφφ φ				
		0	9	3	3	0	9	6	August 4, 1999	European φφφφφφφφφφφ φ				
		4	1	0	5	2	2	1	September 12, 1991	Germany				
		0	1	0	8	5	7	9	February 8, 2001	WIPO φφφφφφφφ				
		9	9	0	5	4	8	7	February 4, 1999	WIPO φφφφφφφφφφ				
	200	5	0	8	2	2	2	5	September 9, 2005	WIPO φφφφφφφφφφφ				
	200	4	0	3	4	8	6	9	April 29, 2004	WIPO φφφφφφφφφφφ				

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	0	3	0	5	2	4	7	8	June 26, 2003	WIPO φφφφφφφφφφ				
	200	7	0	3	8	7	8	7	April 5, 2007	WIPO φφφφφφφφφφ				

References cited in Office Action dated November 15, 2007 for U.S. Patent Application No. 11/285,301

References cited in European Patent Office Search Report for Application No. 05791226.3

References cited in Office Action dated December 18, 2007 for U.S. Patent Application No. 11/288,994

φ References cited in Office Action dated December 21, 2007 for U.S. Patent Application No. 11/264,655

φφ Reference cited in Office Action dated January 3, 2008 for U.S. Patent Application No. 10/997,789

φφφ Reference cited in Office Action dated January 10, 2008 for U.S. Patent Application No. 11/435,228

φφφφ Reference cited in Office Action dated January 10, 2008 for U.S. Patent Application No. 11/410,937

φφφφφ Reference cited in Office Action dated January 11, 2008 for U.S. Patent Application No. 11/445,990

φφφφφφ Reference cited in Office Action dated February 4, 2008 for U.S. Patent Application No. 10/861,179

φφφφφφφφ References cited in International Search Report PCT/US2007/061481 dated March 17, 2008

φφφφφφφφφφ References cited in International Search Report PCT/US2007/078254 dated March 28, 2008

φφφφφφφφφφφφ References cited in International Search Report for Application No. PCT/US2007/068233 dated February 21, 2008

φφφφφφφφφφφφφφ References cited in International Search Report for Application No. PCT/US2007/060787 dated March 18, 2008

φφφφφφφφφφφφφφφφφφ References cited in International Search Report and Written Opinion for Application No. PCT/US2007/061463 dated January 23, 2008

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

			Tang C. L. et al., "Wide-band electro-optical tuning of semiconductor lasers", Applied Physics Letters, Vol. 30, No. 2, January 15, 1977, pages 113-116
			Tang C. L. et al., "Transient effects in wavelength-modulated dye lasers", Applied Physics Letters, Vol. 26, No. 9, May 1, 1975, pages 534-537
			Telle M. John, et al., "Very rapid tuning of cw dye laser", Applied Physics Letters, Vol. 26, No. 10, May 15, 1975, pages 572-574
			Telle M. John, et al., "New method for electro-optical tuning of tunable lasers", Applied Physics Letters, Vol. 24, No. 2, January 15, 1974, pages 85-87

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		Schmitt M. Joseph et al. "OCT elastography: imaging microscopic deformation and strain of tissue", Optics Express, Vol. 3, No. 6, September 14, 1998, pages 199-211 eeeeeeeee
		M. Gualini Muddassir et al., "Recent Advancements of Optical Interferometry Applied to Medicine", IEEE Transactions on Medical Imaging, Vol. 23, No. 2, February 2004, pages 205-212
		Maurice L. Roch et al. "Noninvasive Vascular Elastography: Theoretical Framework", IEEE Transactions on Medical Imaging, Vol. 23, No. 2, February 2004, pages 164-180 eeeeeeeee
		Kirkpatrick J. Sean et al. "Optical Assessment of Tissue Mechanical Properties", Proceedings of the SPIE – The International Society for Optical Engineering SPIE - Vol. 4001, 2000, pages 92-101 eeeeeeeee
		Lisauskas B. Jennifer et al., "Investigation of Plaque Biomechanics from Intravascular Ultrasound Images using Finite Element Modeling", Proceedings of the 19 th International Conference – IEEE October 30 – November 2, 1997, pages 887-888 eeeeeeeee
		Parker K. J. et al., "Techniques for Elastic Imaging: A Review", IEEE Engineering in Medicine and Biology, November/December 1996, pages 52-59 eeeeeeeee
		Copy of European Patent Office Search Report for Application No. 05791226.3
		Dubois Arnaud et al., "Ultrahigh-resolution OCT using white-light interference microscopy", Proceedings of SPIE, 2003, Vol. 4956, pages 14-21 φφ
		Copy of Office Action dated January 3, 2008 for U.S. Patent Application No. 10/997,789
		Copy of Office Action dated December 21, 2007 for U.S. Patent Application No. 11/264,655
		Copy of Office Action dated December 18, 2007 for U.S. Patent Application No. 11/288,994
		Copy of Office Action dated January 10, 2008 for U.S. Patent Application No. 11/435,228
		Copy of Office Action dated January 10, 2008 for U.S. Patent Application No. 11/410,937
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		Copy of PCT International Search Report and Written Opinion for Application No. PCT/US2007/061481 dated March 17, 2008
		Copy of PCT International Search Report and Written Opinion for Application No. PCT/US2007/078254 dated March 28, 2008
		Sadhwani, Ajay et al., "Determination of Teflon thickness with laser speckle I. Potential for burn depth diagnosis", Optical Society of America, 1996, Vol. 35, No. 28, pages 5727-5735 φφφφφφφφ
		C.J. Stewart et al., "A comparison of two laser-based methods for determination of burn scar perfusion: Laser Doppler versus laser speckle imaging", Elsevier Ltd., 2005, Vol. 31, pages 744-752 φφφφφφφφ
		G. J. Tearney et al., "Atherosclerotic plaque characterization by spatial and temporal speckle pattern analysis", CLEO 2001, Vol. 56, pages 307-307 φφφφφφφφ
		Copy of PCT International Search Report for Application No. PCT/US2007/068233 dated February 21, 2008
		Copy of PCT International Search Report for Application No. PCT/US2007/060787 dated March 18, 2008
		Copy of Statement under Article 19 and Reply to PCT Written Opinion for PCT International Application No. PCT/US2005/043951 dated June 6, 2006
		Copy of PCT International Preliminary Report on Patentability for Application No. PCT/US2005/043951 dated June 7, 2007

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